## CLAIMS

- 1. An elastomeric blend useful for the preparation of electric cables comprising one or more polymers selected from:
- 5 (i) a polymer (Base 1) obtained through shear treatment, in the presence of hydroperoxides, of a polymeric base essentially consisting of elastomeric copolymers of ethylene with propylene (EP) or EPDM terpolymers;
  - (ii) a copolymer of ethylene with alpha olefins, vinyl ace-
- 10 tate or a derivative of acrylic acid (Base 2); said copolymer (ii) having a melting point lower than 115°C.
  - 2. The elastomeric blend according to claim 1, wherein the copolymer (ii) is a copolymer of ethylene with alpha olefins.
- 15 3. The blend according to claim 2, wherein the alpha olefin is selected from 1-octene, 1-hexene, 1-butene, propylene.
  - 4. The blend according to claim 3, wherein the alpha olefin is propylene.
- 20 5. The blend according to claim 1, wherein the copolymer (ii) has a melting point lower than 100°C.
  - 6. The blend according to claim 1, wherein the polymer
  - (i) is selected from EPDM terpolymers.
  - 7. The blend according to claim 1, wherein the polymer
- 25 (i) is obtained by treating an EP(D)M polymer with at least

one hydroperoxide at a temperature ranging from 100°C to 250°C.

- 8. The blend according to claim 7, wherein the polymer
- (i) is obtained by treating an EP(D)M polymer with at least
- one hydroperoxide at a temperature ranging from  $160\,^{\circ}\text{C}$  to  $200\,^{\circ}\text{C}$ .
  - 9. The blend according to claim 1, wherein the polymer
  - (i) has the following properties:
- \*\* Weight average molecular weight (Mw) from 70,000 to 10 280,000;
  - \*\* Polydispersity expressed as Mw/Mn lower than 5;
  - \*\* Ratio between the Melt Index fluidity at 21.6 kg and the Melt Index fluidity at 2.16 kg, both at a temperature of 230°C, ranging from 35 to 110.
- 15 10. The blend according to claim 9, wherein the polymer (i) has the following properties:
  - \*\* Weight average molecular weight (Mw) from 90,000 to 160,000;
  - \*\* Polydispersity expressed as Mw/Mn lower than 3.4;
- 20 \*\* Ratio between the Melt Index fluidity at 21.6 kg and the Melt Index fluidity at 2.16 kg, both at a temperature of 230°C, ranging from 45 to 90.